Atharv Bhavsar

Indore, M.P

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EDUCATION

VIT Bhopal University   Bhopal, M.P.
Bachelor of Technology in Computer Science; Minors in Cybersecurity and Digital Forensics   October 2022 - October 2026
CGPA: 8.59/10

St. Paul Higher Secondary School   Indore, M.P.
Class XII   July 2021 - July 2022
CGPA: 9.51/10

TECHNICAL SKILLS

Languages: C/C++, HTML/CSS, JavaScript, Python, MySQL
CS Concepts: Data Structures and Algorithms, Database Management Systems, Theory of Computation, Operating System, Computer Networks
Frameworks and Libraries: Qt, React.js
Developer Tools: Git, VS Code, Eclipse, GitHub, QtCreator, QtDesign

PROJECTS

ReconSuite – C/C++, Qt Creator, Qt Designer   March 2024 – May 2024

- Engineered "Reconsuite", a graphical user interface (GUI) application for cybersecurity reconnaissance tools, utilizing the Qt framework and C++ for efficient GUI development, achieving a 30% reduction in manual command-line interactions.
- Consolidated 5 command-line tools (ping, traceroute, dig, dnsenum, and ffuf) into a unified, user-friendly interface, streamlining Cybersecurity assessments and improving efficiency by 40%.
- Collaborated with a team of 4, designing and implementing features that enhanced functionality and user experience, including leveraging Qt Creator and Qt Designer to develop a seamless and intuitive interface.

Text Encrypter – HTML, CSS, JavaScript   May 2024 – June 2024

- Designed and deployed an intuitive web interface for text encryption, enabling 100+ users to perform secure AES, RSA, and DES encryption/decryption with a 98% task success rate during testing.
- Applied UI/UX and distributed computing principles to optimize front-end responsiveness, boosting component rendering speed by 40%.

ACHIEVEMENTS & ACTIVITIES

- **Buildathon, PreprodCorp:** Designed and implemented five interactive components for an AutoML platform's user interface during a PreprodCorp Buildathon, enhancing user experience and accelerating the model training process as part of team of 4.
- **Hackathon:** Collaborated, qualified and participated in the internal rounds of Smart India Hackathon (SIH) 2024 representing VIT Bhopal University.
- **Hackathon:** Got into the final round of **Hactivate Hackathon** organized by **Hactify**, building a communication bot that detects spam emails based on message content in a team of 4.
- **Solved 250+** coding questions on **LeetCode** and completed the **#100DaysOfCode** and **#100DaysOfCybersecurity** challenge on **LeetCode** and **TryHackMe** respectively as a part of **#DrGVishwanathan Challenge**.
- **Certifications & Training:** Kaggle- Introduction to Machine Learning, Postman API Fundamentals, HackerRank-MySQL (Basic).
- **Languages:** Fluent in English, Hindi, and Marathi; Beginner in French.